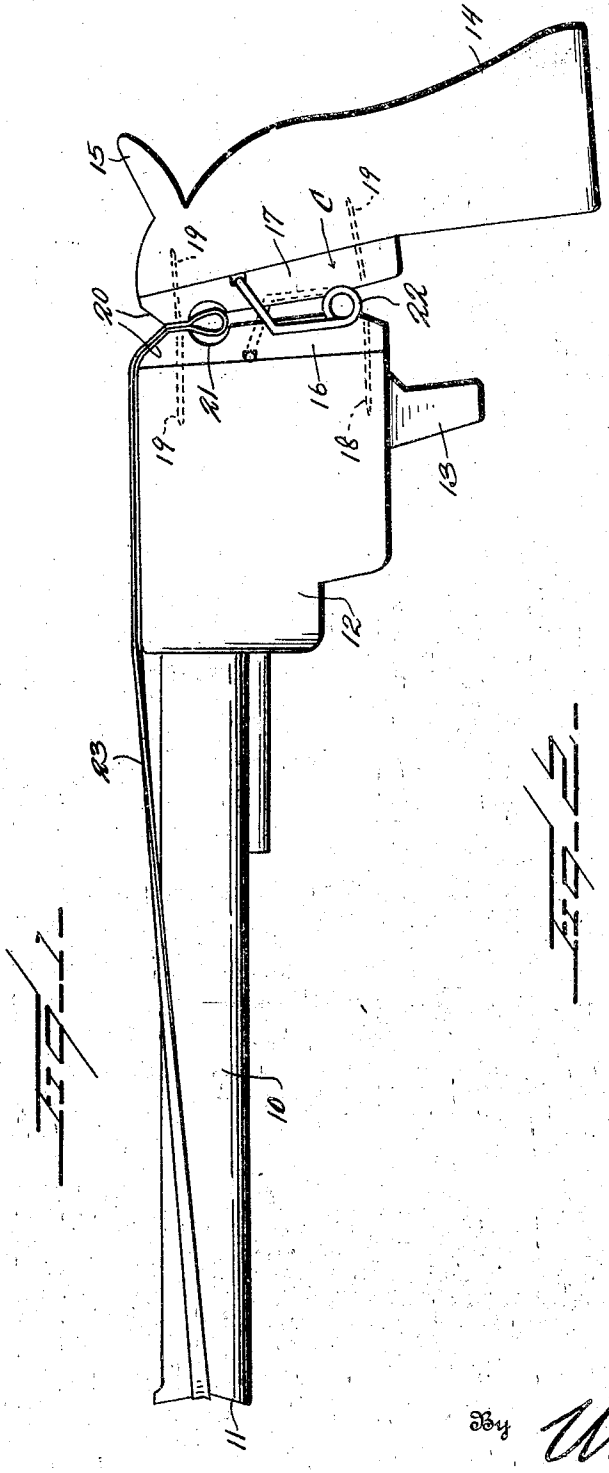
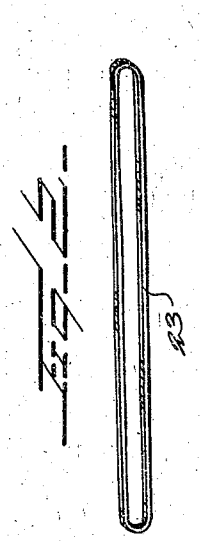
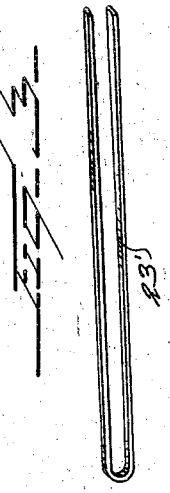
Sept. 13, 1932. J. L. COPPLE 1,877,559

TOY GUN

Filed Oct. 24, 1931







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UNITED STATES PATENT OFFICE

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TOY GUN

Application filed October 24, 1931. Serial No. 570,932.

This invention relates to toy guns, and more particularly to a toy pistol or rifle which is adapted to use rubber bands or strips of rubber for ammunition.

An object of this invention is to provide a gun of exceedingly simple construction which simulates a regular pistol or rifle, but which embodies the use of rubber ammunition so that the device can be used by a small child without injury.

Another object of this invention is to provide a device of this kind which can be very cheaply manufactured and wherein the operation of the device simulates the operation of a conventional pistol or gun.

The above and various other objects and advantages of this invention will in part be described in and in part be understood from the following detailed description of the present preferred embodiment, the same being illustrated in the accompanying drawing, wherein:—

Figure 1 is a detail side elevation of a device constructed according to the preferred embodiment of this invention;

Figure 2 is a perspective view of one type of projectile used with this device, and

Figure 3 is another type of projectile used with this device.

Referring to the drawing wherein like numerals of reference designate corresponding parts throughout the several views, the numeral 10 designates generally the barrel of a gun constructed according to the preferred embodiment of this invention, this barrel 10 being preferably of solid construction and made out of wood or the like. The barrel 10 at the outer end thereof is provided with a notch or kerf 11, and the inner end of the barrel 10 terminates in a magazine section 12 which is provided at the lower portion with a depending lug or trigger 13.

A handle or hand clasping member 14, which has a hammer or outstanding lug 15 mounted on the upper end portion thereof is rockably and yieldably secured to the magazine section 12 by means of a clip C. The handle 14 is constructed so as to simulate the handle of a pistol or gun and the hammer member 15 is rigid with the handle 14, being formed with the handle 14 so as to simulate as closely as possible the outlines of a conventional pistol or gun.

This clip C is formed of opposed clamping jaws 16 and 17, the jaw 16 being secured to the rear end hammer section 12 by means of nails 18 or the like, and in like manner, the jaw member 17 is secured to the handle member 14 by means of nails 19 or the like. The jaws 16 and 17 have the upper ends thereof of inwardly converging construction, as at 20, and inwardly of the tapered or converging ends 20, there are provided opposed arcuate portions 21.

These clamping members 16 and 17 are resiliently secured together by means of a spring 22. This spring 22 constantly urges the converging upper end portions 20 of the jaws 16 and 17 into contacting relation, and one end portion of an elastic or rubber band 23 is adapted to be clamped between the jaws 16 and 17 while the other end of the elastic 23 is looped about the forward end of the barrel 10, the loop being positioned in the kerf 11. This elastic 23 may be constructed of an endless strip of rubber, or if desired, it may be constructed of a single elongated piece of rubber or other elastic, and where a single piece of elastic is used wherein the ends are not joined together, the central portion of the elastic is looped over the forward end of the barrel 10, and the free ends brought together and clamped between the jaws 16 and 17.

In the operation of this device, the elastic 23 may be first clamped between the jaws 16 and 17, the spring 22 resiliently holding the ends between the two jaws 16 and 17. The looped end portion of the elastic 23 may then be slipped over the forward end of the barrel 10, this operation stretching or tensioning the elastic 23, it of course, being understood that the elastic 23 is of a length less than the length of the barrel 10 together with the magazine section 12. When the elastic 23 is resiliently held on the barrel 10, the handle 14 will then be grasped in one hand and a finger engaged with the trigger member 13. The trigger member 13 may then be pulled toward the handle 14, which move-

ment will open the jaws 16 and 17 and permit the elastic or projectile 23 to snap off of the barrel 10.

It will be noted, from the foregoing, that the handle 14 will be firmly clasped in the hand and the operation of the gun simulates very closely the conventional operation of a rifle or pistol in that the projectile is released from the gun by movement of the trigger 13 with respect to the handle 14. Only a relatively small movement of the trigger 14 will be sufficient to release the inner end of the elastic 23 from the jaws 16, so that the barrel 10 may be pointed at an object and the movement of the projectile 23 will be substantially in alignment with the axis of the barrel 10. The elastic 23 may be any conventional rubber band or piece of elastic of desired thickness and length, so that it will be properly tensioned upon engagement with the barrel 10 and the clamping members 16 and 17.

It is, of course, understood that various changes and modifications may be made in the details of construction and design of the above specifically described embodiment of this invention without departing from the spirit thereof, such changes and modifications being restricted only by the scope of the following claim.

What is claimed is:—

A toy gun of the character described comprising a handle, a barrel, a trigger formed with the barrel and depending therefrom, a spring clip secured to the abutting end portions of said handle and barrel, said barrel having a kerf in the forward end thereof, and an elastic having one portion positioned in said kerf and another portion yieldingly held between the jaws of said clip, rearward movement of said trigger coactively rocking said barrel and releasing said elastic from between the jaws of said clip.

In testimony whereof I hereunto affix my signature.

JAMES L. COPPLE.